

Corporate Drive Complex Frankfort, KY 40601 (502) 573-0282

Kentucky Department of Agriculture

Report of Calibration

Submitted By: **CVG** International Airport PO Box 752000 Cincinnati, OH 45275-2000

Test Number:

KY16-M001

Date Received:

1/5/2016

Date of Test:

1/8/2016

Expiration Date*: 1/8/2018

Tolerance:

NIST 105-1 Class F

Procedure Used: NIST IR6969 SOP 8

Condition of Artifacts: Good

Temperature:

Humidity:

Barometric Pressure: 733 mmHg Metrologist(s):

40 %

21 °C

CW, CL

Item(s) Tested:

Count:

Serial Number:

50 lb weights

KCAB 1 thru KCAB 5

The data in this report only applies to those items specifically listed on this report. As found value may not be value used in the field due to cleaning, painting, etc.

Uncertainty statement:

The combined standard uncertainty includes the standard uncertainty reported for the standard, the standard uncertainty for the measurement process, and may or may not include, the standard uncertainty for any uncorrected errors associated with buoyancy corrections, and a component of uncertainty to account for any observed deviations from NIST values that are less than surveillance limits. The combined standard uncertainty is multiplied by a coverage factor of 2 to give an expanded uncertainty, which defines an interval having a level of confidence of approximately 95 percent. The expanded uncertainty presented in this report is consistent with the 1993 ISO Guide to the Expression of Uncertainty in Measurement. The expanded uncertainty is not to be confused with a tolerance limit for the user during application. All uncertainties are less than 1/3 of the applicable tolerances

Traceability statement:

The Standards of the Kentucky Metrology Laboratory are traceable to NIST, and part of a comprehensive measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty reported by this laboratory. The laboratory test number identified above is the unique report to be used in referencing measurement traceability for artifacts identified in this report only.

* Expiration Date is for registered service agencies and registered servicemen pursuant to KRS 363.33



Date 1/21/2016

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NOMINAL		CORRECTION		EXPANDED	Tolerance	ADJUSTED	Const
	NUMBER	AS FOUND AS LEFT		UNCERTAINTY	Y @ 60 °F	ADJUS I ED	Condemne
	ł			±	ין שטער		
(lb)	<u>L</u>	(g)	(g)	(g)	(a)	1	
50 lb	KCAB 1	1.74	1.74	0.29	(g)	 -	
50 lb	KCAB 2	1.58	1.58		2.30	 	
50 lb	KCAB 3	1.33	1.33	0.29	2.30		
50 lb	KCAB 4	1.61		0.29	2.30		
50 lb	KCAB 5	2.63	1.61	0.29	2.30	·	
	KOAD 3		0.15	0.29	2.30	Yes	
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